



ADDENDUM No. 2

Project Name: **Warm-water Interim Hatchery Facility**
DFCM Project No: **04149520**
From: **Bill Bowen**
To: **Contractors**
Date: **July 26, 2005**

1. Changes to the Construction Drawings:

Changes to drawing S-100: The concrete footing schedule should be revised as follows:

- Footing F4 – Crosswise reinforcement – 25 # 6 Bars bottom mat 13 #5 bars top mat
Lengthwise reinforcement – 25 # 6 Bars bottom mat 13 #5 bars top mat
 - Footing F7- Crosswise reinforcement – 10 # 5 Bars bottom mat 7 # 5 bars top mat
Lengthwise reinforcement – 10 # 5 Bars bottom mat 7 #5 bars top mat
- All other characteristics remain as noted in the table.

Changes to drawing S-501: Detail 8 shows 12" of structural fill beneath the footings. Delete this note. Per the Geotechnical report no structural fill is needed as long as the foundations are placed on native undisturbed soil at a maximum depth of 3 feet below current grade.

2. Changes to the Specifications:

Division 1

Section 01200 – No excavation permits are required from Logan City for utility connections in the right-of-way for 200 north. However, right-of-way permits from UDOT will be required.

Section 01500 - Add paragraph 1.17 as follows: "The contractor is responsible for construction staking of the project. Survey data has been included in the plans for this activity."

Division 2

Section 02207 – Please note that Aggregate type A2 is the approved ground cover around the perimeter of the building for areas disturbed during construction and not currently having mowed grass. See detail 4 sheet C-503.

Division 3

Section 03300 2.5.A. Permaquik products are accepted as an approved manufacturer for Waterproof Patching Compound.

Division 8

Section 8500 – Paragraph 2.2.B,C:

Change the total unit thickness to $\frac{3}{4}$ inch for Glass Units.

Paragraph 3.8 Schedule

Change Paragraph A to Read "Exterior Windows – Hatchery: IG-O"

Section 08114 – Interior doors for rooms 1.01 and 1.04 are to be type 2. Exterior doors and doors adjacent to the hatchery are to be insulated. Other doors are to be hollow metal.

This Addendum forms and becomes a part of the Contract Documents and modifies the original Bidding Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Section 08710 – Paragraph 3.6 Schedule

Change Hardware Set 2 to include the Office

Change Hardware Set 4 to include the Entrance and West door

Division 13

Section 013050 – Add the following sentence to paragraph 2.11.B.b Interior oxygen tubing shall be ½ inch. All exterior oxygen piping will be 1”.

Division 15

The following HVAC equipment manufacturers in addition to those in the specifications are allowed given that all equipment provided is equivalent and designed for the application outlined on the plans and in the specifications:

Furnaces: York

Condensing Units: York

Heating and Cooling Unit: Captive Aire

Louvers: Aire, Louvers and Dampers, Greenheck, ACME Engineering and Manufacturing Corp.

High Efficiency Takeoffs: Clifco

Packaged Air Conditioner Make-up Air Units: Hastings HVAC Inc.,

Electric Unit Heaters: Redd-I (TPI Corporation)

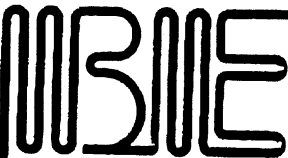
The following Plumbing equipment manufacturers in addition to those in the specifications are allowed given that all equipment provided is equivalent and designed for the application outlined on the plans and in the specifications:

Vitreous China Closes and Lavatories and Toilet Seats, Sinks, Lavatories, Water Closets,

Urinals: Zurn - Systems One Operation

Heavy Gauge Traps, Stops & Supplies: Zurn - Specification Traps and Supplies Operation

Division 16 – See attached transmittals from Beazer Engineering for revisions and approved fixtures.



FAX TRANSMITTAL

NUMBER OF PAGES INCLUDING THIS PAGE 1DATE July 22, 2005

BEAZER ENGINEERING, LLC
184 NORTH 100 EAST
LOGAN, UTAH 84321
TEL: (435) 753-1250
FAX: (435) 753-1871

TO Zan MurrayFROM David BeazerREGARDING Logan Fish Hatchery Addendum

- 1) Disconnects for recirculation pumps and oxygen pumps designated by keyed notes 5, 6 and 9 on sheet E-301 are supplied by aqua equipment supplier, installed by contractor.
- 2) Grow out drum filter circuits in existing facility designated by keyed notes 2 and 3 on sheet E-301 are to be run to grow out drum filter control panel instead of MCC as listed. Provide circuit from panel B to grow out drum filter control panel as follows: 3#8 wire in 3/4" conduit to 40A 1P breaker B11. Field verify location of control panel.
- 3) Early rearing drum filter circuits in north end of new hatchery area designated by keyed notes 2 and 4 on sheet E-301 are to be run to early rearing drum filter control panel instead of MCC as listed. Provide circuit from panel B to early rearing drum filter control panel as follows: 3#10 wire in 3/4" conduit to 30A 1P breaker B13. Field verify location of control panel.
- 4) Run circuits for two CO2 strippers in north end of new hatchery area designated by keyed note 7 on sheet E-301 to panel B circuits 15 and 17 instead of MCC as listed. Install 20A 1P breakers in B15 and B17. Provide control switches as required by aqua equipment supplier.
- 5) Grow out UV disinfection circuit in new hatchery area adjacent to breezeway designated by keyed note 8 on sheet E-301 to be run to grow out UV disinfection control panel instead of MCC as listed. Circuit to continue on from control panel to panel B, circuit 19. Provide 20A 2P breaker. Verify location of control panel and fused disconnect. Fuse per aqua equipment suppliers recommendations.
- 6) Early rearing UV disinfection circuit in north end of new hatchery area designated by keyed note 8 on sheet E-301 to be run to early rearing UV disinfection control panel instead of MCC as listed. Circuit to continue on from control panel to panel B, circuit 23. Provide 20A 1P breaker. Verify location on control panel and fused disconnect. Fuse per aqua equipment suppliers recommendations.
- 7) Disconnects and junction boxes in hatchery area to be Nema 4X instead of Nema 12 as listed.



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TO Zan MurrayFROM David BeazerREGARDING Logan Fish Hatchery Addendum

The following fixtures are approved to bid:

- T-1 COLUMBIA LUN4-248HO-EB12LH120-SSL-LUNHK
 - T-2 COLUMBIA LUN8-296HO-EB12LH120-SSL-LUNHK
 - T-3 COLUMBIA AWW4-332-EB8LH120-DUAL BALLAST
 - T-4 COLUMBIA AWN4-232-EB8LH120
 - T-5 PRESCOLITE EVDE1GAW
 - T-6 COLUMBIA WAL4-232-EB8LH120
 - T-7 SECURITY LIGHTING SYSTEMS TWSMC-100MH-FT-SCBA-120-QRS
 - T-8 COLUMBIA CS4-132-EB8LH120-CSWG4
 - T-9 COLUMBIA LUN8-296HO-EB12LH120-SSL-LUNHK WITH LOUVERS
INTERNATIONAL LI-625-UV TUBE GAURDS
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- T-1 LSI EG 248HO SSO10 SL WL 120
 - T-2 LSI EG 296HO SSO10 SL WL 120
 - T-3 LSI PR 332 SSO10(2) 120
 - T-4 LSI PR 232 SSO10 120
 - T-5 EXITRONIX G402 LB BL DR
 - T-6 LSI WB 232 SSO10 120
 - T-7 LSI GBWS FT 100MH F 120 SCBA SQN W/LAMP
 - T-8 LSI S 132 SSO10 WG-140 120
 - T-9 LSI EG 296HO SSO10 SL WL 120 WITH SLP ST 12HO UV TUBE GUARDS